

USE FIGURED DIMENSIONS ONLY

ALL DIMENSIONS TO BE CHECKED BY THE CONTRACTOR ON SITE. ANY ERRORS OR DISCREPANCIES TO BE REPORTED TO THE ENGINEER IN CHARGE.

NOTES

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS.

Watermain Legend	
	Existing Watermain Layout
	Existing Watermain to be abandoned
	Proposed Watermain 110 mm Ø I.W. approved to ISEN12201
	25m (O.D) PE pipe
	Fire Hydrant
	Sluice Valve
	Water meter
	Existing F.G.L. - (to be retained)
	Proposed F.G.L.

Water Demand Calculation for New Residential Units in Accordance with I.V. Water Infrastructure Code of Practice:

Average daily domestic demand  
 No of units = 11  
 Per capita consumption = 150 l/person/day  
 Toilet Occupancy = 17 persons  
 Average daily demand = 2550 l/day ≈ 0.030 l/s  
 Peak Water demand = 1.25 \* average daily demand  
 Peak water demand = 3167.5 l/day = 0.129 l/s



Rev.	Date	Description	By	Check
PL2	21/10/21	ISSUED FOR PLANNING	C.W.	N.L.
PL1	15/10/21	ISSUED FOR INFORMATION	C.W.	N.L.

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PLANNING

Project Name:	KILTIPPER ROAD			
Drawing Title:	PROPOSED WATERMAIN LAYOUT			
Architect:	FITZGERALD KAVANAGH			
Client:	PMVT			
Drawn:	LOB		FIRE, CIVIL & STRUCTURAL CONSULTING ENGINEERS REAR 88 ARBOURFIELD TERRACE, DUNDRAIL BUSINESS PARK, DUBLIN 14 TEL: 01 296 2566 INFO@MCEENGINEE WWW.MCEENGINEE	
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Approved:	NI			
Scale:	1:200 @ A1	Project Originator: Volume: Level: Type: Role: Number: Rev: 5565 - MCE - XX - XX - DR - C - 0003 - PL2		

EXISTING SINGLE HOUSE CONNECTION TO BE UPGRADED TO 100mmØ PIPE.